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Toru Hayashi

902233 (communication near) (rethork or lives 1)) 40615 25 and (communication near) (rethork or lives 1)) 40615 25 and (communication near) (rethork or lives 1)) 40615 25 and (communication near) (rethork or lives 1)) 417 53 and (chite-dimensional) near) (rethork or lives 1) 418 53 and (chite-dimensional) near) (space or chief or or virtual) 419 53 and (chite-dimensional) near) (space or chief or virtual) 421 53 and (chief chief or mode) or mode) (with (polyhedron or polyhedra or p	Hits	EAST SEARCH Search String	11/4/2006 Databases
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Sa and ((fitnee-dimensional) near2 (data or content or information or model)) Sa and ((fitnee-dimensional) near2 (space or object or virtual)) S5 and (object near2 (position or location)) S5 and (object with (copylophedron or polyhedra or polygon\$1)) S5 and (object with (copylophedron or polyhedra or polygon\$1)) S5 and (ideac\$1) with (copylophedron or polyhedra or polygon\$1)) S5 and (ideacation and content or information or model) with (polyhedron or polyhedra or polygon\$1)) S5 and (ideacation and irection) S5 and (ideacation and irection) S5 and (ideacation with (storage or registration)) S5 and (ideacation with with near2 factor)) S5 and (ideacation beau2 (storage with weight near2 factor)) S5 and (ideacation beau2 (storage with weight near2 factor)) S5 and (ideacation beau2 (storage with weight near2 factor)) S5 and (ideacation beau2 (storage with weight or s11 or s12 or s22 or s23 uspecpublication with with (start or end) near2 position)) S5 and (ideacation beau2 (storage		S1 and (communication near2 (network or line\$1))	USPAT; EPO; JPO; DERWENT; IBM
So and ((three-dimensional) near2 (data of content of information of model)) So and (object with (polyhedron or polyhedra or polygon\$1)) So and (object with (polyhedron or polyhedra or polygon\$1)) So and (object with (polyhedron or polyhedra or polyhedra or polygon\$1)) So and (diacest) or face\$1) with (polyhedron or polyhedra or sequence or segaral (moving neadz object\$1) with (frame or (time neadz interval))) So and (moving neadz object\$1) with (frame or (time neadz interval))) So and (deform\$3 neadz corponent) So and (calculat\$3 with weight neadz factor)) So and (calculat\$3 with weight neadz factor)) So and (calculat\$3 with weight neadz factor)) So or \$255 So or \$	-	SZ and (server\$1 and client\$1)	USPAI; EPO; JPO; DERWENI; IBM
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SS and (idecets) or faces) with (polyhedron or polygons) 1) SS and (idecets) with (polyhedron or polyhedra or polygons) 1) SS and (idea or content or information or mode) with (polyhedron or polyhedra or information) SS and (ideneratics) or transfers4) with (data or information) SS and (ideneratics) or transfers4) with (data or information) SS and (ideneratics) or transfers4) with (ident or inge or frame\$1) SS and (ideneratics) or transfers4) SS and (ideneratics)		S5 and ((three-dimensional) near2 (space or object or virtual))	USPAT; EPO; JPO; DERWENT; IBM_
SS and ((flacetist) or forests) with (polyhedran or polyhedra or content or information) SS and (flearetts) or transferS4) with (data or content or information) SS and (skeleton with (storage or registration)) SS and (skeleton with (storage or registration)) SS and (skeleton with (storage or registration)) SS and (floarenter with (storage or registration)) SS and (involving nearZ object\$1) SS and (floarenter with (storage or registration)) SS and (component with condinate) SS an		SS and (object near∠ (position or location)) SS and (object with (not/thedron or not/thedra or not/tron\$1))	USPAT; EPO; JPO; DERWENT; USPAT: EPO: IPO: DERWENT;
SS and ((idata or content or information or model) with (polyhedron or polyhedra or polygon\$1)) SS and (pricarchical near2 (model or representation)) SS and (property near2 (data or information)) SS and (generat\$3 or transfer\$4) with (data or content or information)) SS and (property near2 (data or information)) SS and (ineving near2 object\$1) SS and (ineving near2 object\$1) SS and (moving near2 (data or information)) SS and (moving near2 (data or information)) SS and (ineving near2 (data or information)) SS and (skin or bone) near2 (component) SS and (ledorm\$3 near2 (motion or component)) SS and (conformat) SS and SS or SS SS or SS SS and SS SS or SS SS and S		and	USPAT; EPO; JPO; DERWENT;
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S5 and (object with direction) S5 and (poperty in caracter \$4) with (data or content or information)) S5 and (property near2 (data or information)) S5 and (property near2 (data or information)) S5 and (skeleton with (storage or registration)) S5 and (property near2 (data or registration)) S5 and (property near2 objects) S5 and (prepolat53 with (client or image or frame\$1)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (component) S5 and (component) S5 and (component) S5 and (component with coordinate) S5 and (component with coordinate) S5 and (component with coordinate) S5 and (download with "project file") S5 and (download with "project file") S5 and (download with "project file") S5 and (so S0 or S26 S20 or S36 S20 o		S5 and (hierarchical near2 (model or representation))	USPAT; EPO; JPO; DERWENT;
S5 and ((generat\$3 or transfer\$4) with (data or content or information)) S5 and (special\$3 or transfer\$4) with (data or information)) S5 and (special with (storage or registration)) S5 and (skeleton with (storage or registration)) S5 and (parameter with (setting or setup or "set up")) S5 and (parameter with (setting or setup or "set up")) S5 and (parameter with (setting or setup or "set up")) S5 and (involvant near2 object\$1) S5 and (involvant near2 object\$1) with (frame or (time near2 interval))) S5 and (involvant near2 frame) S5 and (involvant near2 frame) S5 and (skinning near2 component) S5 and (skinning near2 (motion or component)) S5 and (skinning near2 (motion or component)) S5 and (cendering) S5 and (component with coordinate) S5 and (cendering) S5 and (component with coordinate) S5 and (component with coordinate) S5 and (cendering) S5 and (cenderi		S5 and (object with direction)	; USPAT; EPO; JPO; DERWENT;
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S5 and (skeleton with (storage or registration)) S5 and (parameter with (storage or registration)) S5 and (parameter with (storage or registration)) S5 and (parameter with (setting or settu por "set up")) S5 and (interpolat\$3 with (client or image or frame\$1)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (moving near2 object\$1) with (frame or (time near2 interval)) S5 and (with near2 frame) S5 and (skin or bone) near2 component) S5 and (skin or bone) near2 component) S5 and (skin or bone) near2 (deta or information)) S5 and (skin or bone) near2 (deta or information)) S5 and (skin or bone) near2 (deta or information)) S5 and (skin or bone) near2 (detoin or component)) S5 and (skin or bone) near2 (detoin or component) S5 and (client with "external file") S5 and (component with coordinate) S5 and (component with coordinate) S5 and (client with "external file") S5 and (client with "external file") S5 and (component with coordinate) S5 and (component with coordinate) S5 and (client with "external file") S5 and (client with (start or end) near2 position)) S5 and (client or end) near2 position) S5 and (client or end) near2 position) S6 and (client or end) near2 position) S6 and (client or end) near2 position) S6 and S74 S7 and S39 S40 and S39 S40 and S14		S5 and (property near2 (data or information))	USPAT; EPO; JPO; DERWENT;
S5 and (parameter with (storage or registration)) S5 and (parameter with (storage or registration)) S5 and (interpolat\$3 with (client or image or frame\$1)) S5 and (moving near2 object\$1) with (frame or (time near2 interva)) S5 and (moving near2 object\$1) with (frame or (time near2 interva))) S5 and (moving near2 object\$1) with (frame or (time near2 interva))) S5 and (moving near2 object\$1) with (frame or (time near2 interva))) S5 and (moving near2 object\$1) with (frame or (time near2 interva)) S5 and (skin or bone) near2 component) S5 and (skin or bone) near2 component) S5 and (deform\$3 near2 (motion or component)) S5 and (calculat\$3 with (weight near2 factor)) S5 and (calculat\$3 with (weight near2 factor)) S5 and (component with coordinate) S5 and S34 S5 or S36 S5 or S37 S5 or S37 S5 or S37 S5 or S38 S5 or S36 S5 or S37 S5 or S38 S5 or S36 S5 or S37 S5		S5 and (skeleton with (storage or registration))	USPAT; EPO; JPO; DERWENT; IBM
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S5 and ((skin or bone) near2 component) S5 and (deform\$3 near2 (motion or component)) S5 and (deform\$3 near2 (motion or component)) S5 and (calculat\$3 with (weight near2 factor)) S5 and (calculat\$3 with coordinate) S5 and (component with coordinate) S5 and (component with coordinate) S5 and (download with "project file") S5 and (s26 S20 or S26 S32 and S33 S33 and S34 S55 or S36 S55 or S37 S55 or S36 S55 or S36 S55 or S37 S55 or S36 S55 or S36 S55 or S37 S55 or S37 S55 or S37 S55 or S36 S55 or S37 S55 or S37 S57 S57 S58 or S37 S58 or S37 S58 or S37 S59 S58 or S37 S59 S59 or S37 S59 S50 or S26 S50 or S2		S5 and (skinning near2 (data or information))	USPAT; EPO; JPO; DERWENT; IBM
S5 and (deform\$3 near2 (motion or component)) US-PGPUB; S5 and (rendering) US-PGPUB; S5 and (calculat\$3 with (weight near2 factor)) S5 and (component with coordinate) S5 and (component with "external file") S5 and (download with "project file") S5 and S33 S13 and S34 S8 or S16 S9 or S16 S9 or S16 or S17 or S18 or S18 or S21 or S22 or S23 US-PGPUB; S5 and (moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (s39 S40 and S9 S40 and S9 S40 and S9 S40 and S14		S5 and ((skin or bone) near2 component)	USPAT; EPO; JPO; DERWENT;
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S5 and (component with coordinate) S5 and (client with "external file") S5 and (client with "external file") S5 and (download with "project file") S6 or S7 S20 or S26 S32 and S33 S13 and S34 S9 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S5 and ((moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position))	-	S5 and (calculat\$3 with (weight near2 factor))	USPAT; EPO; JPO; DERWENT
S5 and (client with "external file") S5 and (download with "project file") S20 or S7 S20 or S26 S32 and S33 S13 and S34 S8 or S9 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S8 or S9 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S5 and (moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S40 and S9 S40 and S14	-	S5 and (component with coordinate)	USPAT; EPO; JPO; DERWENT
S5 and (download with "project file") S6 or S7 S2 or S26 S32 and S33 S13 and S34 S13 and S34 S25 or S16 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; US-PGPUB; S35 or S36 S35 or S36 S5 and (moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S40 and S9 S40 and S9		S5 and (client with "external file")	USPAT; EPO; JPO;
S6 or S7 S20 or S26 S22 and S33 S13 and S34 US-PGPUB; S13 and S34 S13 and S34 S25 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S35 or S36 S5 and (moving near2 object\$1) with ((start or end) near2 position)) US-PGPUB; S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S37 or S39 S40 and S9 S40 and S9		S5 and (download with "project file")	PGPUB; USPAT; EPO; JPO; DERWENT
S20 or S26 S32 and S33 S13 and S34 US-PGPUB; S8 or S9 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S35 or S36 S5 and (Moving near2 object\$1) with ((start or end) near2 position)) US-PGPUB; S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S37 or S39 S40 and S9 S40 and S9		S6 or S7	PGPUB; USPAT; EPO; JPO; DERWENT
S32 and S33 S13 and S33 S13 and S34 US-PGPUB; S8 or S9 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S35 or S36 S5 and ((moving near2 object\$1) with ((start or end) near2 position)) US-PGPUB; S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S40 and S9 S40 and S14		S20 or S26 ·	PGPUB; USPAT; EPO; JPO; DERWENT; IBM
S13 and S34 S8 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S35 or S36 S5 and ((moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S37 or S39 S40 and S9 S40 and S9		S32 and S33	USPAT; EPO; JPO; DERWENT;
S8 or S9 or S10 or S11 or S12 or S14 or S15 or S16 or S17 or S18 or S19 or S21 or S22 or S23 US-PGPUB; S35 or S36 S35 or S36 S5 and ((moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S37 or S39 S40 and S9 S40 and S9 S40 and S14		S13 and S34	USPAT; EPO; JPO; DERWENT;
S35 or S36 S5 and ((moving near2 object\$1) with ((start or end) near2 position)) US-PGPUB; S5 and (object\$1 with ((start or end) near2 position)) US-PGPUB; S37 or S39 S40 and S9 US-PGPUB; S40 and S14	•	S19 or S21 or S22 or	USPAT; EPO; JPO; DERWENT;
S5 and ((moving near2 object\$1) with ((start or end) near2 position)) S5 and (object\$1 with ((start or end) near2 position)) S37 or S39 S40 and S9 S40 and S14	-	S35 or S36	USPAT; EPO; JPO; DERWENT; IBM
S5 and (object\$1 with ((start or end) near2 position)) S37 or S39 S40 and S9 S40 and S14 US-PGPUB; US-PGPUB; US-PGPUB;		S5 and ((moving near2 object\$1) with ((start or end) near2 position))	PGPUB; USPAT; EPO; JPO; DERWENT;
S37 or S39 S40 and S9 S40 and S14 US-PGPUB; US-PGPUB;		S5 and (object\$1 with ((start or end) near2 position))	USPAT; EPO; JPO; DERWENT; IBM_
S40 and S9 US-PGPUB; S40 and S14		S37 or S39	PGPUB; USPAT; EPO; JPO; DERWENT;
US-PGPUB;		S40 and S9	USPAT; EPO; JPO;
	51	S40 and S14	USPAT; EPO; JPO; DERWENT;

4	S5 and (skeleton with (invariable or component))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
26	S40 and (S17 or S18)	USPAT; EPO; JPO; DERWENT; IBM_
ស	S5 and (weight near2 factor)	USPAT; EPO; JPO; DERWENT; IBM_
32	S40 and S28	EPO; JPO; DERWENT;
7	S5 and ("external file" or "project file")	; USPAT; EPO; JPO; DERWENT; IBM_
ო	S5 and (reproduc\$3 with scene)	; USPAT; EPO; JPO; DERWENT; IBM_
27	S40 and S19	; USPAT; EPO; JPO; DERWENT; IBM_
304605	(communication or computer) near2 (network or system)	USPAT; EPO; JPO; DERWENT; IBM_
253753	S48 and (communication near2 (network or line\$1))	; USPAT; EPO; JPO; DERWENT;
48859	S49 and (server and client\$1)	; USPAT; EPO; JPO; DERWENT; IBM_
473	S50 and ((three-dimensional) near2 (data or content or information or model))	; USPAT; EPO; JPO; DERWENT; IBM
216	S51 and ((three-dimensional) near2 (space or object or virtual))	USPAT; EPO; JPO; DERWENT; IBM_
1 8	S51 and (object near2 (position or location))	EPO; JPO; DERWENT;
89	S51 and (object with (polyhedron or polyhedra or polygon\$1))	EPO; JPO; DERWENT;
=	S51 and ((facet\$1 or face\$1) with (polyhedron or polyhedra or polygon\$1))	; USPAT; EPO; JPO; DERWENT; IBM
%	S51 and ((data or content or information or model) with (polyhedron or polyhedra or polygon\$1))	; USPAT; EPO; JPO; DERWENT; IBM
77	S51 and (hierarchical near2 (model or representation))	; USPAT; EPO; JPO; DERWENT;
88		; USPAT; EPO; JPO; DERWENT; IBM_
437		; USPAT; EPO; JPO; DERWENT; I
51		; USPAT; EPO; JPO; DERWENT;
4	and (; USPAT; EPO; JPO; DERWENT;
-		; USPAT; EPO; JPO; DERWENT;
22	S51 and (parameter with (storage or registration))	; USPAT; EPO; JPO; DERWENT; IBM_
4	S51 and (parameter with (setting or setup or "set up"))	; USPAT; EPO; JPO; DERWENT;
27		; USPAT; EPO; JPO; DERWENT; IBM_
107	and (moving near2 object\$1)	; USPAT; EPO; JPO; DERWENT; IBM
13	S51 and ((moving near2 object\$1) with (frame or (time near2 interval)))	; USPAT; EPO; JPO; DERWENT; IBM
62	S51 and (number near2 frame)	USPAT; EPO; JPO; DERWENT; IBM_
-	S51 and (skinning near2 (data or information))	; USPAT; EPO; JPO; DERWENT; IBM_
-	S51 and ((skin or bone) near2 component)	USPAT; EPO; JPO; DERWENT;
-	S51 and (deform\$3 near2 (motion or component))	USPAT; EPO; JPO; DERWENT; IBM
215	S51 and (rendering)	; USPAT; EPO; JPO; DERWENT; IBM_
-	S51 and (calculat\$3 with (weight near2 factor))	USPAT; EPO; JPO; DERWENT; IBM_
32	S51 and (component with coordinate)	USPAT; EPO; JPO; DERWENT;
•	S51 and (client with "external file")	USPAT; EPO; JPO; DERWENT;
₹-	S51 and (download with "project file")	USPAT; EPO; JPO; DERWENT; IBM_
ო	S51 and (reproduc\$3 with scene)	; USPAT; EPO; JPO; DERWENT;
251	S52 or S53	USPAT; EPO; JPO; DERWENT; IBM_
269	S66 or S72	USPAT; EPO; JPO; DERWENT; IBM
185	S78 and S79	EPO; JPO; DERWENT;
171		USPAT; EPO; JPO; DERWENT; IBM_
298	S54 or S55 or S56 or S57 or S58 or S60 or S61 or S62 or S63 or S64 or S65 or S67 or S68 or S1US-PGPUB;	USPAT; EPO; JPO; DERWENT; IBM_
337	S81 or S82	USPAT; EPO; JPO; DERWENT; IBM_
72	S51 and ((three-dimensional) with (space near2 virtual))	USPAT; EPO; JPO; DERWENT; IBM_
28	S51 and (project\$3 with plane)	USPAT; EPO; JPO; DERWENT;
ω	S84 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
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                                 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
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                                                                                                                                                        US-PGPUB; USPAT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S98 and ((facet$1 or face$1) with (polyhedron or polyhedra or polygon$1))
S98 and ((data or content or information or model) with (polyhedron or polyhedra or polygon$1))
                              S49 and ((three-dimensional) near2 (data or content or information or model))
                                                                                                                                                                                                                                                                                                                                               S97 and ((three-dimensional) near2 (data or content or information or model))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S98 and ((generat$3 or transfer$4) with (data or content or information))
S98 and (property near2 (data or information))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S98 and ((moving near2 object$1) with (frame or (time near2 interval)))
                                                                                                                                                                                                                                                                                                                                                                              S98 and ((three-dimensional) near2 (space or object or virtual))
                                                                                                                                                   S51 and (invariable near2 (component or data or information))
                                                                                                                                                                                                                                                                                                                                                                                                                                          S98 and (object with (polyhedron or polyhedra or polygon$1))
S51 and ((facet$1 or face$1) with (polyhedron or polyhedra))
                                                            S88 and ((facet$1 or face$1) with (polyhedron or polyhedra))
                                                                                                                                                                                   S51 and (parameter$1 with (stor$3 or sav$3 or display$3))
                                                                                                                                                                                                                                                       (communication or computer) near2 (network or system)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          S98 and (interpolat$3 with (client or image or frame$1))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S98 and (hierarchical near2 (model or representation))
S98 and (object with direction)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          S98 and (parameter with (setting or setup or "set up"))
                                                                                          S51 and (property with (stor$3 or sav$3 or display$3))
                                                                                                                                                                                                                                                                                 S95 and (communication near2 (network or line$1))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            S98 and (parameter with (storage or registration))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 S98 and ((skin or bone) near2 component)
S98 and (deform$3 near2 (motion or component))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              S98 and (skeleton with (invariable or component))
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S98 and (rendering)
S98 and (calculat$3 with (weight near2 factor))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     S98 and (number near2 frame)
S98 and (skinning near2 (data or information))
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             S98 and (component with coordinate)
S98 and (client with "external file")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 S98 and (download with "project file"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S98 and (moving near2 object$1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            S98 and (reproduc$3 with scene)
                                                                                                                                                                                                                                                                                                               S96 and (server and client$1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      S112 and S113 and S130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    S130 and (client with file)
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                                                                                                                        S83 and S90
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US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB		11/4/2006	Issue Date Current OR Abstract 2005/1201 370/352 2005/1117 709/223 2005/1103 43/24 2005/1103 43/24 2005/1103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 345/419 2005/103 340/43 2005/103 340/43 2005/103 340/43 2005/103 340/43 2005/103 340/43 2005/103 340/43 2005/103 345/7.1 2005/103 345/7.1 2005/103 345/44 2005/103 345/44 2005/103 345/584 2005/103 345/584 2005/103 345/584 2005/103 345/584 2005/103 345/584 2005/103 345/584
S130 and (client with file with three-dimensional) S130 and (download with (project near2 file\$1)) S130 and (download with (three-dimensional with file\$1)) S130 and (download with (image with file\$1)) S130 and (download with (server with file\$1))	Toru Hayashi	EAST SEARCH	System and method for design, tracking, measurement, prediction and optimization of data comm. Three-dimensional model data-providing program, three-dimensional model data-providing program, three-dimensional model data-providing server, System and method for displaying the effects of light illumination on a surface. Method and system for incrementally moving teeth. Model 3D construction application program interface. Computer-implemented system and method for displaying images. Sensing device for sensing a position relative to a surface. System for determining the rotational orientation of a sensing device. System for determining the rotational orientation of a sensing device. Delivering and processing multimedia bookmark. Processing and processing system and delivery. Delivery and presentation of content-relevant information associated with frames of audio-visual programs occupant of a structure during an emergency event. Three-dimensional digital library system interactive horizon mapping. Technique for collecting and using information about the geographic position of a mobile object or Systems and methods for segmented volume rendering using a programmable graphics pipeline Method and system for detection of a custom-fit prosthesis. Characterization and reaction of a custom-fit prosthesis. Whethod and system for detection of variation for integrated circuits System and method for multi-dimensional organization, management, and manipulation of adata Interactive horizon mapping. Process to information corresponding to a context. Interactive horizon mapping and production of analysis systems. Method and opagate or displaying resource information methods for correlation of analysis systems. Dynamic window anatomy
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Compositing desktop window manager Orlentation sensing device Graphical user interface for an information display system Method for transmitting objects between a server and a client terminal using cache management, Method and system for topology adaptation to support communication in a communicative environ Spectacle lens manufacturing system, method of manufacturing spectacle lens, program and reconsistence of the standard system for inking location information between software applications for viewing diag SYSTEM AND METHOD FOR ENABLING A SOFTWARE DEVELOPER TO INTRODUCE INI Sensing device for generating orientation of an object Method and system for controlling a vehicle Efficient data representation of the model Asset system control arrangement and method information display Displaying graphical textures Efficient data representation of the model Asset system control arrangement and method information display Method and sparatus for providing a three-dimensional task gallery computer interface Information display Method and sparatus for providing a three-dimensional task gallery computer information provided and apparatus for providing a three-dimensional task gallery computer information display Method and apparatus for providing a three-dimensional task gallery computer interface Information display Method and apparatus for providing a three-dimensional task gallery computer interface Efficient downloading of content data via network Transactions in virtual property Method and apparatus for providing a three-dimensional task gallery computer interface Efficient downloading of predicting network performance and position location using multiple table System and method for ray tracing using reception surfaces Smart data subsurface asseming system, method and computer program product Landmark-based location of users Smart data subsurface and are repository system, method and computer program product Landmark-based location of users Smart data subsurface and probariate paragraphs and method of tracking objects	
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20040104935	Virtual reality immersion system	
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	Disorbation consider device with processor	20040422 /13//06
	Method apparatus and program for visual representation of an addition coasts	20040422 343/1/3
20040054667	Dischary apparatus, and program for visital representation of all address space.	-
20040041822	Display apparatus for accessing desired web site. Image proposering apparatus image proposering method, studio apparatus, attached and in a	
20040041622	image processing apparatus, image processing method, studio apparatus, storage medium, and processing the processing method	
20040039363	minomiation space providing system and memod	
20040039239	Computer-aided bone distraction	
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20040030741	Method and apparatus for search, visual navigation, analysis and retrieval of information from netv	
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	Bi-level iso-surface compression	20040205 345/419
20040001091	Method and apparatus for video conferencing system with 360 degree view	20040101 715/753
US 20030235341 A1	Subject segmentation and tracking using 3D sensing technology for video compression in multime	20031225 382/243
20030235338	Transmission of independently compressed video objects over internet protocol	20031225 382/232
US 20030229456 A1	Methods for predicting properties of molecules	20031211 702/27
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	Video-teleconferencing system with eye-gaze correction	20031023 348/14.16
US 20030197737 A1	2D/3D web browsing system	20031023 715/781
US 20030191568 A1	Method and system for controlling a vehicle	20031009 701/36
20030176965	Landmark-based location of users	20030918 701/207
20030174872	System and method for mining quantitive information from medical images	20030918 382/128
20030165655	Three-dimensional model colorization during model construction from computer aided design data	20030904 428/64.2
20030164567	Three-dimensional model colorization during model construction from computer aided design data	
20030158913	System, method, and computer program product for media publishing request processing	_
20030158786	Sending three-dimensional images over a network	-
20030158672	Use of computationally derived protein structures of genetic polymorphisms in pharmacogenomic:	-
20030139834	Efficient data representation of teeth model	
20030135867	System for transmitting digital data over a limited bandwidth link in plural blocks	
	Virtual television phone apparatus	
	Systems and methods for simulating frames of complex virtual environments	
20030117397	Systems and methods for generating virtual reality (VR) file(s) for complex virtual environments	
20030106063	Method and systems for scalable representation of multimedia data for progressive asynchronous	•
20030098881	System and method for implementing a three-dimensional graphic user interface	
US 20030090523 A1	Information distribution system and information distibution method	
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SYSTEM AND METHOD FOR QUANTITATIVELY REPRESENTING DATA OBJECTS IN VEC 19 and a processing apparatus and information display method Information processing apparatus and information display method Morphing method for structure shape, its computer program, and computer-readable storage med System and method for measuring and monitoring wireless network performance in campus and i Communication game system, communication game method, and storage medium Occlusion culling for object-order volume rendering IMAGE PROCESSING APPARATUS AND METHOD, STORAGE MEDIUM, AND COMMUNIC	System for distributing and controlling color reproduction at multiple sites Image composition system and method thereof, image generation apparatus and method thereof, Database organization and searching Efficient data representation of teeth model Dental decals and method of application	System and method for integrating network services Interactive horizon mapping Method and arrangement for communicating between vehicles Multi-dimensional pattern recognition by use of digital holography Systems and methods for removing gingiva from computer tooth models Real-time virtual viewpoint in simulated reality environment System for distributing and controlling color reproduction at multiple sites	Image processing apparatus, image processing method, and control program Method and system for incrementally moving teeth Method and apparatus for generating machine control instructions System, method and computer program product for data mining in a three-dimensional multi-user System for implementing an exchange Resource dedication system and method for a computer architecture for broadband networks	Integral three-dimensional imaging with digital reconstruction Method for creating a computer model and measurement database of a wireless communication r Method for viewing information in virtual space Method and apparatus for organizing hierarchical plates in virtual space Hybrid communications and interest management system and method Facility and method for exchanging image data with controlled quality and / or size Three-dimensional model colorization during model construction from computer aided design data Network-linked interactive three-dimensional composition and display of saleable objects in situ in	Data compression through adaptive data size reduction Method and apparatus for organizing hierarchical screens in virtual space System for graphically interconnecting operators METHOD AND APPARATUS FOR EDITING DATA USED IN CREATING A THREE-DIMENSI Method and apparatus for creating custom formats for viewing information in virtual space Wirtual real estate dealing method, server and terminal used therefor Method and apparatus for converting data objects to a custom format for viewing information in vir Textual and graphical demarcation of location, and interpretation of measurements Method and apparatus for addressing data objects in virtual space Method and system of an integrated business topography and virtual 3D network portal
US 20030074368 A1 US 20030074368 A1 US 20030058259 A1 US 20030055604 A1 US 20030050118 A1 US 20030034973 A1 US 20030025803 A1	20030020703 20030016844 20030013951 20030009252 20030008259	US 20030005090 A1 US 20030001859 A1 US 20020198632 A1 US 20020177108 A1 US 20020158873 A1 US 20020158873 A1		20020114077 20020111772 20020109680 20020105537 20020099770 20020096112 20020093538	US 20020090141 A1 US 20020089550 A1 US 20020085041 A1 US 20020085035 A1 US 20020083034 A1 US 20020082942 A1 US 200200877787 A1 US 20020077787 A1 US 20020075311 A1 US 20020075311 A1 US 20020075311 A1

US 20020069218 A1	System and method for indexing, searching, identifying, and editing portions of electronic multime	20020606 715/501.1
US 20020069215 A1	Apparatus for viewing information in virtual space using multiple templates	
	Internot and system for incrementally moving teem Tooth path treatment plan	20020350 433/24 20020530 433/24
	Information delivering server and clients and method thereof and storing medium stored programs	
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	System and method for separating three-dimensional models	
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20020040332	Article ordering method, article order managing apparatus, and program storage medium	
	Network-based system for the manufacture of parts with a virtual collaborative environment for de-	
US 20020031265 A1	Contour detecting apparatus and method, and storage medium storing contour detecting program	
US 20020030675 A1	Image display control apparatus	
	illiage-toffilling system employing a carmidge and providing a benefit to a user Dropogopion employment polification methods and polification extens in adia communication of	20020221 (US/14 20020103 455/433
20020001395	r ropagation environment notification methods and notification systems in radio communication sy Authenticating metadata and embedding metadata in watermarks of media signals	
US 20010055063 A1	Position detection apparatus, position detection method and position detection program	
US 20010055039 A1	THREE-DIMENSIONAL VIRTUAL REALITY SPACE DISPLAY PROCESSING APPARATUS, /	20011227 715/848
US 20010052110 A1	System and method for graphically programming operators	20011213 717/100
	Communication system and communication method using animation and server as well as termin:	20011213 455/566
	Method and system for receiving user input	
	SYSTEM AND METHOD FOR THE CONSTRUCTION OF DATA	
20010042118	Network managing method, medium and system	
US 20010037190 A1	System and method for take-off of materials using two-dimensional CAD interface	
US 20010030651 A1	Method and apparatus for identifying features of multidimensional image data in hypermedia syste	
	System and method for simulation of virtual wear articles on virtual models	
	Data processing apparatus, method, system, and storage medium	
20010009547	Data communications system	
	Clinician review of an orthodontic treatment plan and appliance	
	System and method for design, tracking, measurement, prediction and optimization of data comm	
	Mixed reality apparatus and mixed reality presentation method	
69/1063	System, method, and apparatus for portable design, deployment, test, and optimization of a comm	
6963930	Automatic transfer and expansion of application-specific data for display at a website	
6954906	Image display processing apparatus that automatically changes position of sub-window relative to	
5944521	Method of providing board packaging line program	
0943794	Communication system and communication method using animation and server as well as termin:	
US 6943/93 BZ	Method and apparatus for displaying resource information Network based surface for the manifesting of sade with a side of callebration and described for the	
097090	Network-based system for an antiching the manufacture of parts with a virtual collaborative environment for del	
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US 6809734 B2	Recoirce dedication exetem and method for a computer architecture for broadband networks	20041026 345/506
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	Data processing apparatus, memor, system, and storage medium	20041012 343/419
	Orientation sensing device with memory Systems and methods for simulating frames of complex virtual equipments	
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	Video-feleconferencing exctem with eve date correction	
	Method and system for controlling a vehicle	
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	Calicinal N-Dased (Ocalicinal of users	
0100031	Systems and methods for providing improved two pass resampling	
6/51620	Apparatus for viewing information in virtual space using multiple templates	
US 6750992 B1	System for distributing and controlling color reproduction at multiple sites	
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US 6732170 B2	Network managing method, medium and system	20040504 709/223
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US 6722880 B2	Method and system for incrementally moving teeth	20040420 433/24
US 6720920 B2	Method and arrangement for communicating between vehicles	20040413 342/386
US 6718386 B1	Methods, system, and article for displaying privilege state data	20040406 709/225
US 6715126 B1	Efficient streaming of synchronized web content from multiple sources	20040330 715/500.1
6708184	Method and apparatus for producing and accessing composite data using a device having a distri	20040316 707/104.1
US 6697530 B2	Data compression through adaptive data size reduction	20040224 382/239
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US 6684255 B1	Methods and apparatus for transmission and rendering of complex 3D models over networks usin	20040127 709/231
	Efficient data representation of teeth model	20031216 700/98
	Three-dimensional model colorization during model construction from computer aided design data	20031125 425/130
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	Computer network data distribution and selective retrieval system	20031028 715/848
6633789	Effiicient data representation of teeth model	20031014 700/98
6628277	Decompression of three-dimensional graphics data using mesh buffer references to reduce redur	20030930 345/419
6616701	Method and apparatus for identifying features of multidimensional image data in hypermedia syste	20030909 715/501.1
6614428	Compression of animated geometry using a hierarchical level of detail coder	20030902 345/420
6611262	Generation of a bit stream containing binary image/audio data that is multiplexed with a code defin	20030826 345/419
6608640	Information processing apparatus and information display method	-
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6590593	Method and apparatus for handling dismissed dialogue boxes	
6577769	Data compression through adaptive data size reduction	
6573907	Network distribution and management of interactive video and multi-media containers	
6570563	Method and system for three-dimensional virtual reality space sharing and for information transmi:	
6563498	Three-dimensional object shared processing method and storage medium	20030513 345/419
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6554611	Method and system for incrementally moving teeth	
6552721	Graphic data generating apparatus, graphic data generation method, and medium of the same	
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Method and systems for scalable representation of multimedia data for progressive asynchronous Morphing decompression in a graphics system	Graphic data generating apparatus, graphic data generation method, and medium of the same	Data compression through motion and geometric relation estimation functions	Method of managing feature data	Network-access management system and method applied to network and computer program proc	Information processing apparatus and method, and providing medium	Method and apparatus for editing data used in creating a three-dimensional virtual reality environm	Efficient data representation of teeth model	Segmenting compressed graphics data for parallel decompression and rendering	System for automatic color calibration	System for creating a computer model and measurement database of a wireless communication r	Virtual space communication system, three-dimensional image display method, and apparatus the	Three-dimensional virtual reality space display processing apparatus, a three-dimensional virtual r	Method and system for integrating spatial analysis and data mining analysis to ascertain relations!	Software system for reducing the appearance of latency in a multi-user environment	Method and apparatus for editing data used in creating a three-dimensional virtual reality environm	Method and system for incrementally moving teeth
US 6536043 B1 US 6525725 B1	US 6518989 B1	US 6512515 B1	US 6505186 B1	US 6487557 B1	US 6483508 B1	US 6466239 B2	US 6463344 B1	US 6459429 B1	US 6459425 B1	US 6442507 B1	US 6437778 B1	US 6437777 B1	US 6430547 B1	US 6415317 B1	US 6401237 B1	US 6398548 B1

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Abstract

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Three-dimensional digital library system

US 20050168460 A1

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Smart data subsurface data repository system, method and computer program product System and method for ray tracing using reception surfaces Landmark-based location of users **US 20040259554 A1 US 20040249654 A1** US 20040243303 A1

20041223 455/446

20041209 705/1

Enhanced subsurface scanning system, method and computer program product US 20040241045 A1

Human communication system **US 20040240652 A1**

System and method for automated placement or configuration of equipment for obtaining de System for remotely controlling an aspect of a function of apparatus US 20040236547 A1 **US 20040233163 A1**

Apparatus and method of tracking objects in flight **US 20040233098 A1**

Automatic transfer and expansion of application-specific data for display at a website JS 20040225958 A1 US 20040212378 A1

Hierarchical sorting of linked objects in virtual three-dimensional space JS 20040183797 A1

Enhanced subsurface membrane interface probe (MIP)

Service attribute based filtering system and method US 20040176118 A1

Display on wireless mobile device US 20040176117 A1

Methods for dental restoration US 20040167646 A1

System and method for searching for wireless devices US 20040162804 A1

Method and apparatus for compression of multi-sampled anti-aliasing color data JS 20040161146 A1

Wireless device imaging JS 20040160623 A1

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System and method for automated placement or configuration of equipment for obtaining de US 20040143428 A1

Method and system for converting engineering data into 3D modeling data US 20040140991 A1

Tooth path treatment plan **US 20040137400 A1**

Methods and apparatuses for viewing, browsing, navigating and bookmarking videos and dis JS 20040128317 A1

Efficient data representation of teeth model US 20040128010 A1

System, method and computer program product for subsurface contamination detection and JS 20040117117 A1

Computer automated development of an orthodontic treatment plan and appliance JS 20040110110 A1

Virtual reality immersion system JS 20040104935 A1

System and method for separating three-dimensional models JS 20040096799 A1

Method and apparatus for identifying features of multidimensional image data in hypermedia JS 20040078753 A1

nteractive character system JS 20040075677 A1

Orientation sensing device with processor JS 20040075650 A1

Method, apparatus, and program for visual representation of an address space JS 20040070632 A1

Display apparatus for accessing desired web site JS 20040054667 A1

mage processing apparatus, image processing method, studio apparatus, storage medium, JS 20040041822 A1

nformation space providing system and method JS 20040039583 A1

Computer-aided bone distraction JS 20040039259 A1

Data storage, retrieval, manipulation and display tools enabling multiple hierarchical points c JS 20040036716 A1

Method and apparatus for search, visual navigation, analysis and retrieval of information fron JS 20040030741 A1

Systems and methods for removing gingiva from computer tooth models JS 20040023188 A1

System and methods for dental treatment planning Bi-level iso-surface compression US 20040021662 A1 US 20040023183 A1

Method and apparatus for video conferencing system with 360 degree view US 20040001091 A1

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Abstract

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